

SECTION 1 Identification of the article and of the company/undertaking

1.1 Product identifier

Trade Name: Retrobase Basecoat
Identification of the product: Product Name: SPS Envirowall Retrobase
Product Code: ESPS/HP-BC

1.2 Relevant identified uses of the substance, mixture or article and uses advised against

Use: Material used in the construction industry.

1.3 Details of the supplier of the safety data sheet

Supplier SPS Envirowall Ltd
Lonsdale Chambers
Lonsdale Street
Stone on Trent
Staffordshire
ST4 4BT
United Kingdom
Email: info@spsenvirowall.co.uk
Telephone: 08451300983

1.4 Emergency telephone number

NHS : 111

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

Classification under CLP: STOT SE 3: H335; Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1A: H317
Most important adverse effects: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation.

2.2 Label elements

Hazard Statements: H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H335: May cause respiratory irritation.

Hazard pictograms: GHS05: Corrosion
GHS07: Exclamation mark



Signal Words: Danger

Precautionary statements: P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor.
P362+P364: Take off contaminated clothing and wash it before reuse.

2.3 Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

SECTION 3 Composition/information on ingredients

Substance Name	CAS No	EC No	Contents by Weight %	Index Number (REGULATION (EC) No 1272/2008)	Classification (REGULATION (EC) No 1272/2008)	Classification (Other)
Portland Cement	32664-15-1	266-043-4	10-30%	-	Skin Irrit. 2: H315; Skin Sens. 1A: H317; Eye Dam. 1: H318; STOT SE 3: H335	-
Hydrated Lime	1305-62-0	215-137-3	1-10%	01-2119475151-45-0135	STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318	-
Quartz (respirable)	14808-60-7	238-878-4	<0.5%	-	STOT RE 1: H372	-



SECTION 4 First aid measures

4.1 Description of first aid measures

- Skin contact:** Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
- Eye contact:** Bathe the eye with running water for 15 minutes. Do not rub eyes, as additional cornea damage is possible by mechanical stress. Contact a specialist of occupational medicine or an eye specialist.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Get medical attention if any discomfort continues.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If symptoms develop, seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Skin Contact:** There may be irritation and redness at the site of contact.
 - Eye Contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
 - Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
 - Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.
- Delayed / Immediate effects:** Immediate effects can be expected after short-term exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate / Special Treatment: Eye bathing equipment should be available on the premises.

SECTION 5 Fire-fighting measures

- 5.1 Extinguishing media** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
- 5.2 Special hazards arising from the substance or mixture**
Exposure Hazards: In combustion emits toxic fumes.
- 5.3 Advice for fire-fighters** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6 Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures**
Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust.
- 6.2 Environmental precautions** Do not discharge into drains or rivers.
- 6.3 Methods and material for containment and cleaning up**
Clean up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.
- 6.4 Reference to other sections** Refer to section 8 of SDS.

SECTION 7 Handling and storage

- 7.1 Precautions for safe handling**
Handling Requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air.
- 7.2 Conditions for safe storage, including any incompatibilities**
Storage: Store in a cool, well ventilated area. Keep container tightly closed.
Suitable packaging: Must only be kept in original packaging.
- 7.3 Specific end use(s)** No data available.

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

Hazardous Ingredients: Portland Cement

State	Workplace exposure limits:			
	8 hour TWA	15 min. STEL	Respirable dust	
			8 hour TWA	15 min. STEL
EU	-	-	4mg/m ³	-

HYDRATED LIME

EU	1mg/m ³	4mg/m ³	-	-
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DNEL/PNEC Values

Hazardous ingredients:

HYDRATED LIME

Type	Exposure	Value	Population	Effect
PNEC	Fresh water	490µg/L	-	-
PNEC	Soil (agricultural)	1080mg/L	-	-

8.2 Exposure Controls

- Engineering measures:** Ensure there is sufficient ventilation of the area.
- Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.
- Hand protection:** Protective gloves.
- Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.
- Skin protection:** Protective clothing.
- Environmental:** No data available.



SECTION 9 Physical and chemical properties

Appearance: Powder
Colour: Grey
Odour: Odourless
Evaporation rate: Not applicable.
Oxidising: Not applicable.
Solubility in water: Not applicable.
Also Soluble in: No data available.
Viscosity test method: Not applicable.
Boiling point/range°C: Not applicable.
Melting point/range°C: Not applicable.
Flammability limits %: **Upper:** Not applicable **Lower:** Not applicable
Flash point°C: Not applicable.
Part.coeff. n-octanol/water: Not applicable.
Autoflammability°C: Not applicable.
Vapour pressure: Not applicable.
Relative density: No data available.
pH: Alkaline
VOC g/l: Not applicable.
9.2 Other information No data available.

SECTION 10 Stability and reactivity

10.1 Reactivity Stable under recommended transport or storage conditions.
10.2 Chemical stability Stable under normal conditions.
10.3 Possibility of hazardous reactions
Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
10.4 Conditions to avoid Heat
10.5 Incompatible materials
Materials to avoid: Strong oxidising agents. Strong acids.
10.6 Hazardous decomposition products In combustion emits toxic fumes.

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Hazardous ingredients: HYDRATED LIME

DERMAL	RBT	LD50	>2500	mg/kg
ORAL	RAT	LD50	>2000	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	-	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated

Skin Contact: There may be irritation and redness at the site of contact.

Eye Contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed/immediate effects: Immediate effects can be expected after short-term exposure.

Other information: No data available.

SECTION 12 Ecological information

12.1 Toxicity

Hazard Ingredients: Hydrated Lyme

Freshwater Algae	48H EC50	184.57	mg/l
Freshwater Algae	72H NOEC	48	mg/l
Freshwater Fish	96H LC50	50.6	mg/l
Freshwater	48H EC50	49.1	mg/l
Marine water fish	96H LC50	457	mg/l
Marine water	14d NOEC	32	mg/l
Marinewater	96H LC50	158	mg/l
Soil	EC10/LC10	2000	mg/kg
Soil	EC10/LC10	12000	mg/kg
Terrestrial plants	21d NOEC	1080	mg/kg



SECTION 12 Ecological information CONT....

- 12.2 Persistence and degradability** Biodegradable.
- 12.3 Bioaccumulative potential** No bioaccumulation potential.
- 12.4 Mobility in soil** No further relevant information available.
- 12.5 Results of PBT and vPvB assessment**
PBT identification: This product is not identified as a PBT/vPvB substance.
- 12.6 Other adverse effects** Negligible ecotoxicity.

SECTION 13 Disposal considerations

- 13.1 Waste treatment methods**
Disposal Operations: Transfer to a suitable container and arrange for collection by specialised disposal company.
Recovery Operations: No information available.
Disposal of Packaging: Dispose of as normal industrial waste.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14 Transport information

- 14.1 UN number** Not applicable.
- 14.2 UN proper shipping name** No data available.
- 14.3 Transport hazard class(es)** No data available.
- 14.4 Packaging group** No data available.
- 14.5 Environmental hazards** Environmentally hazardous: No Marine pollutant: No
- 14.6 Special precautions for user** No special precautions.

SECTION 15 Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
Specific regulations: Not applicable.
- 15.2 Chemical safety assessment** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16 Other information

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Phrases used in s.2 and s.3:

- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H318: Causes serious eye damage.
- H335: May cause respiratory irritation.
- H372: Causes damage to organs through prolonged or repeated exposure.

Legal disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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